

#### ABSTRACT OF THE DISCLOSURE

A pressure-sensitive sensor includes two base films opposite to each other, a pair of electrodes provided on the two base films, and first and second pressure-sensitive resistors provided by two layers on the electrodes to form a predetermined gap therebetween. Further, a contact state between the first and second pressure-sensitive resistors is changed in accordance with a pressure applied to at least one of the base films, and a resistance between the electrodes is changed in accordance with the contact state between the pressure-sensitive resistors. In addition, each of the pressure-sensitive resistors is constructed with a binder resin having an elasticity modulus in a range between 10 and 1000 Mpa, and electrical conductive particles each of which is coated with a polymer. Accordingly, the pressure-sensitive sensor including the pressure-sensitive resistors can accurately detect a pressure in a range between 1 and 20 kPa.